

10mm² TUV Certified DC Solar Cable

This DC cable is compliant with EN 50618 standards. It is intended for use in photovoltaic power supply systems at a nominal voltage rate up to 1.5/1.5kV DC, suitable for indoor and outdoor applications, as well as industrial and agricultural fields.



Product Overview

H1Z2Z2-K DC Solar Cable

This 10mm² DC cable is specifically engineered for photovoltaic power supply systems, adhering to the EN 50618 standard. Designed for durability, it features electrolytic tinned copper conductors and halogen-free, flame-retardant insulation and sheath materials. It is suitable for both indoor and outdoor installations, including direct burial applications, and is rated for nominal voltages up to 1.5kV DC.

Technical Specifications

Nominal Voltage

1.5 kV DC
Max Voltage

Conductor Material	Electrolytic tinned copper
Conductor Class	Class 5 (finely stranded)
Cross Section	10 mm ²
Insulation	Halogen-free cross-linked compound
Sheath	Halogen-free cross-linked, flame retardant compound

Compliance & Standards

Certifications	TUV Certified, EN 50618, IEC 60228
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Installation & Application

Suitable Environments

- Indoor
- Outdoor
- Industrial fields
- Agriculture fields
- Explosion hazard areas
- Direct burial

Installation Methods

- Fixed installation
- Freely suspended
- Free movable
- Cable trays
- Conduits
- On/in walls

Protection Class

Class II